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<b>Notice of Allowability</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/802,799	WATANABE ET AL.	
	Examiner	Art Unit	
	Dang T. Nguyen	2824	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTO-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1.  This communication is responsive to 29 June 2005.
2.  The allowed claim(s) is/are 2-9 and 11-18.
3.  The drawings filed on 18 March 2005 are accepted by the Examiner.
4.  Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a)  All    b)  Some\*    c)  None    of the:
    1.  Certified copies of the priority documents have been received.
    2.  Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3.  Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5.  A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6.  CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
  - (a)  including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
    - 1)  hereto or 2)  to Paper No./Mail Date \_\_\_\_\_.
  - (b)  including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7.  DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

#### Attachment(s)

1.  Notice of References Cited (PTO-892)
2.  Notice of Draftperson's Patent Drawing Review (PTO-948)
3.  Information Disclosure Statements (PTO-1449 or PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4.  Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5.  Notice of Informal Patent Application (PTO-152)
6.  Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_
7.  Examiner's Amendment/Comment
8.  Examiner's Statement of Reasons for Allowance
9.  Other Search history.

RICHARD ELMS  
 SUPERVISORY PATENT EXAMINER  
 TECHNOLOGY CENTER 2800

***Response to Amendment***

1. This office action is in response to applicant's amendment received on 6/29/05. Claims 2 – 5, 11 – 14 and 18 have been amended. Claims 1 and 10 have been canceled. Claims 2 – 9 and 11 - 18 are pending on this application. Claims 2, 11 and 18 are independent claims.

***Allowable Subject Matter***

2. Claims 2 - 9 and 11 – 18 are allowed.
3. The following is an examiner's statement of reasons for allowance:

**With respect to claims 2 and 11,** in addition to other elements in the respective claims, the prior art of record fails to teach or suggest ““wherein the current paths of the first and second field effect transistors are connected in parallel between the one end of the current path the fifth field effect transistor, and the current paths of the third and fourth field effect transistors are connected in parallel between the one end of the current path of the sixth field effect transistor”.

**With respect to claim 18,** in addition to other elements in the respective claims, the prior art of record fails to teach or suggest wherein the current paths of the field effect transistors included in the drive transistor group are connected in parallel between the one end of the current path of one of the field effect transistors included in the transfer gate transistor group and the reference electrode”

4. The prior art made of record and considered pertinent to the applicant's disclosure does not teach or suggest the claimed limitations. Annavajjhala and

Whitfield, taken individually or in combination, do not teach the claimed invention of the current paths of the first and second field effect transistors are connected in parallel between the one end of the current path of the fifth field effect transistor, in combination with other limitations.

5. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

***Prior art***

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Annavajjhala      Pub. No.: US 2004/0223375 A1      Pub. Date: Nov. 11, 2004

Whitfield      Patent No.: 5,726,936      Pub. Date: Mar. 10, 1998

***Contact Information***

7. Any inquiry concerning this communication from the examiner should be directed to Dang Nguyen, who can be reached by telephone at (571) 272-1955. Normal contact times are M-F, 8:00 AM - 4:30 PM.

Upon an unsuccessful attempt to contact the examiner, the examiner's supervisor, Richard Elms, may be reached at (571) 272-1869.

Any inquiry of a general nature or relating to the status of this application or

proceeding should be directed to the receptionist, whose telephone number is (703) 305-3900. The faxed phone number for organization where this application or proceeding is assigned is (703) 872-9306.

Information regarding the Status of an application may be obtained from the patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free) or EBC@uspto.gov.

Dang Nguyen 8/1/2005